

Serial No. 10/523,726
Atty. Doc. No. 2002P03973WOUS

Amendments To the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1.-8. (cancelled)

9. (new) A system for condition-based maintenance of at least one decentralized technical installation, the system comprising:

a mechanism for recording condition values of the technical installation; and
a mechanism for transmitting the recorded condition values to a central maintenance management system, the central maintenance management system comprising a first mechanism for evaluation of the condition values and a second mechanism for generating maintenance orders according to the result of the evaluation of the condition values, wherein the mechanism for transmitting the recorded condition values is adapted for transmitting using e-mail.

10. (new) The system in accordance with claim 9, wherein the second mechanism of the central maintenance management system generates the maintenance orders according to predefined rules.

11. (new) The system in accordance with claim 9, wherein the central maintenance management system comprises a third mechanism for implementation, monitoring and/or documentation of the generated maintenance order.

12. (new) The system in accordance with claim 10, wherein the central maintenance management system comprises a third mechanism for implementation, monitoring and/or documentation of the generated maintenance order.

13. (new) The system in accordance with claim 9, wherein the mechanism for transmitting is adapted for using a http transfer.

14. (new) The system in accordance with claim 10, wherein the mechanism for transmitting is using a http protocol.

Serial No. 10/523,726

Atty. Doc. No. 2002P03973WOUS

15. (new) The system in accordance with claim 11, wherein the mechanism for transmitting is provided for the transmission of the recorded condition values by means of http transfer.

16. (new) The system in accordance with claim 9, wherein the mechanism for recording is part of a stored program controller or a SCADA system.

17. (new) The system in accordance with claim 10, wherein the mechanism for recording is integrated into a logical program controller or a SCADA system.

18. (new) The system in accordance with claim 11, wherein the mechanism for recording is part of a stored program controller or a SCADA system.

19. (new) The system in accordance with claim 13, wherein the mechanism for recording is part of a stored program controller or a SCADA system.

20. (new) The system in accordance with claim 9, wherein the maintenance management system is connected to an industrial framework system.

21. (new) The system in accordance with claim 10, wherein the maintenance management system is connected to an industrial framework system.

22. (new) The system in accordance with claim 11, wherein the maintenance management system is linked to an industrial framework system.

23. (new) The system in accordance with claim 13, wherein the maintenance management system is connected to an industrial framework system.

24. (new) The system in accordance with claim 16, wherein the maintenance management system is connected to an industrial framework system.

25. (new) A method for condition-based maintenance of at least one decentralized technical installation, comprising:

Serial No. 10/523,726

Atty. Doc. No. 2002P03973WOUS

recording condition values of the technical installation by a recording mechanism;
transmitting the recorded condition values to a central maintenance management system by
a transmission mechanism using email;
evaluating the condition values by the central maintenance management system; and
creating maintenance orders by the central maintenance management system relative to the
result of the evaluation of the condition values.

26. (new) The method in accordance with claim 25, wherein the maintenance management system uses a first mechanism for evaluating the condition values and a second mechanism for creating the maintenance orders.